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Search Results -

Terms	Documents
(glycosyl adj sulfotransferase) or (GST-3)	11

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L1

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DATE: Friday, May 02, 2003 Printable Copy Create Case

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DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L1	(glycosyl adj sulfotransferase) or (GST-3)	11	L1

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Search Results - Record(s) 1 through 11 of 11 returned.

☐ 1. Document ID: US 20020164748 A1

L1: Entry 1 of 11 File: PGPB Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020164748
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020164748 A1

TITLE: Glycosyl sulfotransferase-3

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bistrup, Annette	San Francisco	CA	US	
Rosen, Steven D.	San Francisco	CA	US	
Tangemann, Kirsten	Menlo Park	CA	US	
Hemmerich, Stefan	Berkeley	CA	US	

US-CL-CURRENT: 435/193; 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 20010051370 A1

L1: Entry 2 of 11 File: PGPB Dec 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010051370
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010051370 A1

TITLE: Glycosyl sulfotransferase-3

PUBLICATION-DATE: December 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bistrup, Annette	San Francisco	CA	US	
Rosen, Steven D.	San Francisco	CA	US	
Hemmerich, Stefan	Berkeley	CA	US	

US-CL-CURRENT: 435/193; 435/320.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 3. Document ID: US 6395882 B1

L1: Entry 3 of 11 File: USPT May 28, 2002

US-PAT-NO: 6395882
DOCUMENT-IDENTIFIER: US 6395882 B1

TITLE: Selectin ligands

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 4. Document ID: US 6380371 B1

L1: Entry 4 of 11 File: USPT Apr 30, 2002

US-PAT-NO: 6380371
DOCUMENT-IDENTIFIER: US 6380371 B1

TITLE: Endoglycan: a novel protein having selectin ligand and chemokine presentation activity

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 5. Document ID: US 6365365 B1

L1: Entry 5 of 11 File: USPT Apr 2, 2002

US-PAT-NO: 6365365
DOCUMENT-IDENTIFIER: US 6365365 B1
**** See image for Certificate of Correction ****

TITLE: Method of determining whether an agent modulates glycosyl sulfotransferase-3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

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☐ 6. Document ID: US 6265192 B1

L1: Entry 6 of 11 File: USPT Jul 24, 2001

US-PAT-NO: 6265192
DOCUMENT-IDENTIFIER: US 6265192 B1
**** See image for Certificate of Correction ****

TITLE: Glycosly sulfortransferase-3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

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☐ 7. Document ID: US 5514600 A

L1: Entry 7 of 11 File: USPT May 7, 1996

US-PAT-NO: 5514600
DOCUMENT-IDENTIFIER: US 5514600 A

TITLE: Mammalian guanine nucleotide binding protein with an ADP-ribosylation factor domain

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 8. Document ID: US 5386021 A

L1: Entry 8 of 11 File: USPT Jan 31, 1995

US-PAT-NO: 5386021
DOCUMENT-IDENTIFIER: US 5386021 A

TITLE: Mammalian guanine nucleotide binding protein with an ADP-rybosylation factor domain

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 9. Document ID: WO 9949018 A1

L1: Entry 9 of 11 File: EPAB Sep 30, 1999

PUB-NO: WO0009949018A1
DOCUMENT-IDENTIFIER: WO 9949018 A1
TITLE: GLYCOSYL SULFOTRANSFERASE-3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 10. Document ID: JP 2003505039 W WO 200106015 A1 AU 200062248 A EP 1210455 A1

L1: Entry 10 of 11 File: DWPI Feb 12, 2003

DERWENT-ACC-NO: 2001-138471
DERWENT-WEEK: 200321
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TITLE: New glycosyl sulfotransferases (GST)-4alpha, GST-4beta and GST-6 for diagnostic and therapeutic agent screening applications

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 11. Document ID: US 20020164748 A1 WO 9949018 A1 AU 9927945 A EP 1062326 A1 US 6265192 B1 US 20010051370 A1 JP 2002507409 W US 6365365 B1

L1: Entry 11 of 11 File: DWPI Nov 7, 2002

DERWENT-ACC-NO: 1999-580442
DERWENT-WEEK: 200275
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TITLE: Human and murine glycosyl sulfotransferase 3 and related polynucleotides

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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1: Gene 1996 Feb 22;169(1):9-16 Related Articles, Links

ELSEVIER SCIENCE FULL-TEXT ARTICLE

Organization of the biosynthetic gene cluster for rapamycin in Streptomyces hygroscopicus: analysis of the enzymatic domains in the modular polyketide synthase.

Aparicio JF, Molnar I, Schwecke T, Konig A, Haydock SF, Khaw LE, Staunton J, Leadlay PF.

Cambridge Centre for Molecular Recognition, Department of Biochemistry, University of Cambridge, UK.

The three giant multifunctional polypeptides of the rapamycin (Rp)-producing polyketide synthase (RAPS1, RAPS2 and RAPS3) have recently been shown to contain 14 separate sets, or modules, of enzyme activities, each module catalysing a specific round of polyketide chain extension. Detailed sequence comparison between these protein modules has allowed further characterisation of aa that may be important in catalysis or specificity. The acyl-carrier protein (ACP), beta-ketoacyl-ACP synthase (KS) and acyltransferase (AT) domains (the core domains) have an extremely high degree of mutual sequence homology. The KS domains in particular are almost perfect repeats over their entire length. Module 14 shows the least homology and is unique in possessing only core domains. The enoyl reductase (ER), beta-ketoacyl-ACP reductase (KR) and dehydratase (DH) domains are present even in certain modules where they are not apparently required. Four DH domains can be recognised as inactive by characteristic deletions in active site sequences, but for two others, and for KR and ER in module 3, the sequence is not distinguishable from that of active counterparts in other modules. The N terminus of RAPS1 contains a novel coenzyme A ligase (CL) domain that activates and attaches the shikimate-derived starter unit, and an ER activity that may modify the starter unit after attachment. The sequence comparison has revealed the surprisingly high sequence similarity between inter-domain 'linker' regions, and also a potential amphipathic helix at the N terminus of each multienzyme subunit which may promote dimerisation into active species.

PMID: 8635756 [PubMed - indexed for MEDLINE]